Theory of Medical Tymnastics. Classification of movements 1. active 2. Passive } Resistive. Morentic - Doch and of working muscle brought Holdings - Regin of movement encyse cort. but latu holding - statie. dientay & invol. movements. Bought about by impulses control of wice associated - Cleffer - O'evitathie movement according envolutary at woundly wool at 1. Ground organo of locomben Blood supply of muscles pleads netwent arteres anner edge- outer sidge. Mrs. ex. mobility of point increased exp. Affects of ex on circulation - he ack Montestion deorga. Cuccelation of better. Cressure on deep structure. Movements attende ligthening stortenno 8) Aveiro muscles. depleting feel decrease in sloop. repleting

Clast muscles work harden Increase age of their lairly. digestive organo. Oncrease. Rostal system Brain & Newous Typlem Concuendication of Gnees - Led & swelling no la. Case of where all mov. causes pain acute mees. Calient starting post choosen with care Heaviers (a) size of same of support taken into consid with heavy parts (B) here of grainty Streetly on (C) And a support by gryon rost & askaraino Defore guing Ex. enplaint fally socilion agmnast soot comfatable Figur treathe freely no down Ratients neck. All grasps gently sul frimly Ex. - steady Mynnially O not pressed down ST retakes to fullest extent nove work later. Chape movements of suit patient - week the Wate of no. warred greatly. Not some schemes of ex. Ornles has now , which have direct yper on palhological effects changes or 15 Deathing in then & Cenils Morbinents for head & reck. 1 effecting adominal organs of these I sack novements. Thisist steathing

1. La for upper & lower limbo. Choice Strength adapted & patients strength. Along at now. is middle & dwardle of. same effect. Treatment of ocoliosis, etc passice Conrective ex. used - followed moved. Ly act. ex. 8 12 mov. Do hegin with. In theating scoliosis, the 1,5" motolizing. - very often Meg ex as balance ex fel. Those Concentration. Of not feel tried after Ofter O. Throws news. Rrogues from small A big scheme. Work agin' granty. Starting post. 15 movement assisted by gymn. Ihre co-ordination lale -Change shyllm- Arm & then leg - aim & Hendemental post: 1. Attending. hell og same lag & geller. line, the slightly apart. Shoulders down & back. 2. Knee standing . T. Ruces on edgl of plinths with tolo panging over Erect. At on floor flatly were apart & heele & gette. + Tying no Dellow. O. Hanging -From these get derived fort - same muo. I few others. of lego. i.l. clase standing. rotating hip your inwards. &

God. derived from Standing: If the standing - lifting teels as high of governa so possible. Most leg muscles - effects v uses: 1. Thatly as balance position. By Aree bend or courtery standing: This arises by lowering tunk to leg & thigh form it's with each dorsal at ankle joint will flavion at hips & knees. howevery of tunk caused by gravity while the working m. Control the mor. By eccentric action after which we maintain the good by stable Morking Mi. a. Calf in 3. Extensors of knee " Try (esp. Thatei) Theteles early m. (hittle used) Toe Courtesy Standing - Combination of 2 previous good. Working m. I effects I use all same Position also good for Souble - Londed unnervation Treatment for scoliosis. Walk Standing Taken by knowing I ft about & lengths Effects & Uses Dase is lengthered in (for d) Sagital direction - Mostly used in ex- ann raise - double for Stude Handing - Meed in active humb rolling - Wider Dase. The a gill ougen on sellio. hook Half Standing led. I hip to

Addominal M - Staticley Dack Mr - Body exerch. or you've go for Buppating side, sluter fax. In legwork Mses & Effects - (1) Ex & devel. of all working M. 2. Used as balance ex. 3. If ribs fix effects respiration. Support standing not leg & instep on stool place heel on stool It every thing on sac Tall out Standing - Known as lunge position - back knee str. Used to treat Ocoliosio - tear patient to use mus. - abductors of hip & take Manges or Galdo of Muscle Work. range - fully stretches post. If fullest I'm its own edge- from midpl. to fullest extension.

Weddle ange contracted to Round When treating week museles don't want 2 over stretch it i work in fort. If want I lengthere m. Never - Gemple piece of app cons of regid bar by wham of whe a one come force is applied

Of. at which lever moves - fulcum. In h. body this to joint where now. occurs Force or effort is indicated at pt in which the power peroducing now is applied In body this is por of allaching working in. Inoving paid. This is centre of gravity of Révers - 3 classes or order. 1 1. - 7. - w. The longer the lever arm - distance from fulcium to power - the easier i the movement - or less effort needs to he exerted - heltoid has more power than surpinators. The long the wit - lever arm i. e die? from fulcrum to not. - the more difficult Me mov. or greater effert needs 26 exertes. Ages & Glones -Mor. may take place acount 3 diff axis in body - exinaginary line in the diector of forehead. would follow when shot (thus forehead I. ) 3. Kongitutedenal area- along a line this body from head to food - this may also be called vertical. 535

Thoo. may also take place on 3 diff planes -1. Frontal plane - when a part of body moves on a flat senface " with Fredead 2. Aggittal plane - when part moves on a glas surface 11 with sagittal Section (g head) 3. Transverse - when part mouse on a flat sunface - with a + section of body. This plane may be called horgontal. I went bending stew, or find tunk is moved on a sagittal plane. round a frontal oxis. Trunk terning moved on a tro longtitudinal or vertical asis

Toe Face dut STanding -Tunge position. Dame as last sur It is plantar flexed. When used in Meatment of scoliosio Dack fl. may be Crossed over - To tell pelvio which que nove work & m. on I side & Cembar region & more stretching of an. on other side of back. Muscle work - Jame M. as pilirous work dosal flexors. Hip slipport & hip Bean. 57. fatient stonds in walk alanding with support. This is used for tunk side Mending. Thigh Support or key Lean St. Datient Italing in front of support which is about 1/2 way bet hips & knees. Meed to prevent palient from facting ft. Sometimes Big. ... of db. - plane arm forward. Belacking with it. Jacral Support Standing: Jacum support. By changing post. I seems wing standing - hands on hips, gingers stra. & 5-ge. I wrist press down. Elbows soing stra. adeways & Shoulders shouldn't o raised. Bend Handing - Jinger on shoulder, elbous tuckes in Quele rolatos of shoulder & superators of a. I adductors of Deaperla. Moed in some lunk now. I for starting some am nov - banking & stulaking Neck Hear Stand. - Arms raised

solved & outwardly estated & forgers placed around nech. (Hoking thin (3 w)) muscle work - Extensors & addictors of fengers Heror of with & ellows Aductors & outer rotators of Stones repend votalos of scap. Apper sack & and & port week m. Effects & Uses. Improves post. of head & deat & widows Moran (lifts with) alsed in treshment of Ryphosis. Kead Rest Forekead Rest Standing post. part of fing en on frehead. yard Standing - arms sideways raise level of shoulder. I Goo hand 5% - flexion of allow as oked. Deap back . Heave standing - LAN Reach At genno founded to Wheth AV- & Theech " or tack - aims notating out from should. brouch At - and at 1. L's. Over boom 1/2 wing - 1/2 heard one sided & - & 1/2 hend. 1/3 street - 00 - 0 8 Thosp - positions wath stretch low. 1/2 gr. 1/2 tack. 538

defined paid by chy , post of! SIP. SI - bd. indined food, from hips Glanta fla. of ank. jt. Upper paid ste of B. Shai. The Sup. ST. - Brown or bar 2 sup. ths. Kelosed Stp. ST - bd. food. of spine. A. hg. Thigh Sup. Stp ST. - Combination. A. Sean ST. - O. Crosses A. in fit & leans on stall bars. Wich SI. - Tower sa. Ruch. Fail ST. - fall skw. from onk joint. Jide Bent St. - & Al. of 1. Bk hear 51 - V. Sk. sup. agin' wall I find & hips slight fla. 1 un ST - 1 Grone fall - 8 77 5 dide Ly - on 1 A x 16 & sticked Wositions derived from Uncelling Costion. to. Un - Mr. 927 1' apart. Ank. Por D. flex according & desired result. In kn - G. Tens. on I kn other bent in fix. An. sitt - T. In. & then stoon the Ameille O.D.X. By chang. goal. g DTp. In. Litt - Same as previous but as now. in Grone Mr. - 4' animal STA. Sitt. - In Stool with I' apart knees Close Sill . - Jelain . Ride Sitt. - howe, back 539 Cik. sia - Ex. Cross legged Sitt.